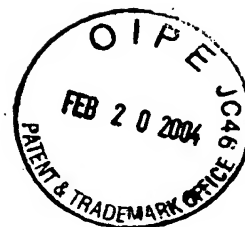


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<110> Charles, Andrew David
Brennand, John Charles
Hart, Kevin Anthony

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<140> 10/627,633

<141> 2003-07-28

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Thr Pro Leu Pro Ser Gln Tyr Leu Met Glu Leu Ser Glu Glu His Ser
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Trp Met Ser Asn Gln Thr Asp Leu His Tyr Val Leu Lys Pro Gly Glu
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Phe Gly Asn Ser Leu Val Cys Leu Val Ile His Arg Ser Arg Arg Thr
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Gln Ser Thr Thr Asn Tyr Phe Val Val Ser Met Ala Cys Ala Asp Leu
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Leu Ile Ser Val Ala Ser Thr Pro Phe Val Leu Leu Gln Phe Thr Thr
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Gly Arg Trp Thr Leu Gly Ser Ala Thr Cys Lys Val Val Arg Tyr Phe
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Gln Tyr Leu Thr Pro Gly Val Gln Ile Tyr Val Leu Leu Ser Ile Cys
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Ile Asp Arg Phe Tyr Thr Ile Val Tyr Pro Leu Ser Phe Lys Val Ser
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Arg Glu Lys Ala Lys Lys Met Ile Ala Ala Ser Trp Ile Phe Asp Ala
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Gly Phe Val Thr Pro Val Leu Phe Phe Tyr Gly Ser Asn Trp Asp Ser
 195 200 205

His Cys Asn Tyr Phe Leu Pro Ser Ser Trp Glu Gly Thr Ala Tyr Thr
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Leu Phe Tyr Gln Lys Val Ile Lys Tyr Ile Trp Arg Ile Gly Thr Asp
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Gly Arg Thr Val Arg Arg Thr Met Asn Ile Val Pro Arg Thr Lys Val
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Lys Thr Ile Lys Met Phe Leu Ile Leu Asn Leu Leu Phe Leu Leu Ser
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Trp Leu Pro Phe His Val Ala Gln Leu Trp His Pro His Glu Gln Asp
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Tyr Lys Lys Ser Ser Leu Val Phe Thr Ala Ile Thr Trp Ile Ser Phe
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Ser Ser Ser Ala Ser Lys Pro Thr Leu Tyr Ser Ile Tyr Asn Ala Asn
 325 330 335

Phe Arg Arg Gly Met Lys Glu Thr Phe Cys Met Ser Ser Met Lys Cys
 340 345 350

Tyr Arg Ser Asn Ala Tyr Thr Ile Thr Thr Ser Ser Arg Met Ala Lys
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Lys Asn Tyr Val Gly Ile Ser Glu Ile Pro Ser Met Ala Lys Thr Ile
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Glu Leu Gln Tyr Glu Leu Asn Pro Gly Glu Val Ala Thr Ala Ser Ile
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Phe Phe Gly Ala Leu Trp Leu Phe Ser Ile Phe Gly Asn Ser Leu Val
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Cys Leu Val Ile His Arg Ser Arg Arg Thr Gln Ser Thr Thr Asn Tyr
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Phe Val Val Ser Met Ala Cys Ala Asp Leu Leu Ile Ser Val Ala Ser
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Thr Pro Phe Val Val Leu Gln Phe Thr Thr Gly Arg Trp Thr Leu Gly
115 120 125

Ser Ala Met Cys Lys Val Val Arg Tyr Phe Gln Tyr Leu Thr Pro Gly
130 135 140

Val Gln Ile Tyr Val Leu Leu Ser Ile Cys Ile Asp Arg Phe Tyr Thr
145 150 155 160

Ile Val Tyr Pro Leu Ser Phe Lys Val Ser Arg Glu Lys Ala Lys Lys
165 170 175

Met Ile Ala Ala Ser Trp Ile Leu Asp Ala Ala Phe Val Thr Pro Val
180 185 190

Phe Phe Phe Tyr Gly Ser Asn Trp Asp Ser His Cys Asn Tyr Phe Leu
195 200 205

Pro Pro Ser Trp Glu Gly Thr Ala Tyr Thr Val Ile His Phe Leu Val
210 215 220

Gly Phe Val Ile Pro Ser Ile Leu Ile Ile Leu Phe Tyr Gln Lys Val
225 230 235 240

Ile Lys Tyr Ile Trp Arg Ile Gly Thr Asp Gly Arg Thr Leu Arg Arg
245 250 255

Thr Met Asn Ile Val Pro Arg Thr Lys Val Lys Thr Val Lys Met Phe
260 265 270

Leu Leu Leu Asn Leu Val Phe Leu Phe Ser Trp Leu Pro Phe His Val
 275 280 285

Ala Gln Leu Trp His Pro His Glu Gln Asp Tyr Lys Lys Ser Ser Leu
 290 295 300

Val Phe Thr Ala Val Thr Trp Val Ser Phe Ser Ser Ser Ala Ser Lys
 305 310 315 320

Pro Thr Leu Tyr Ser Ile Tyr Asn Ala Asn Phe Arg Arg Gly Met Lys
 325 330 335

Glu Thr Phe Cys Met Ser Ser Met Lys Cys Tyr Arg Ser Asn Ala Tyr
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Thr Ile Thr Thr Ser Ser Arg Met Ala Lys Arg Asn Tyr Val Gly Ile
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Ser Glu Ile Pro Pro Val Ser Arg Thr Ile Thr Lys Asp Ser Ile Tyr
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Ile His Arg Ser Arg Arg Thr Gln Ser Thr Thr Asn Tyr Leu Val Val
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Ser Met Ala Cys Ala Asp Leu Leu Ile Ser Val Ala Ser Thr Pro Phe
 65 70 75 80

Val Val Leu Gln Phe Thr Thr Gly Arg Trp Thr Leu Gly Ser Ala Met
 85 90 95

Cys Lys Val Val Arg Tyr Phe Gln Tyr Leu Thr Pro Gly Val Gln Ile
 100 105 110

Tyr Val Leu Leu Ser Ile Cys Ile Asp Arg Phe Tyr Thr Ile Val Tyr
 115 120 125

Pro Leu Ser Phe Lys Val Ser Arg Glu Lys Ala Lys Arg Met Ile Ala
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Ala Ser Trp Ile Leu Asp Ala Ala Phe Val Thr Pro Val Phe Phe Phe
 145 150 155 160

Tyr Gly Ser Asn Trp Asp Ser His Cys Asn Tyr Phe Leu Pro Pro Ser
 165 170 175

Trp Glu Gly Thr Ala Tyr Thr Val Ile His Phe Leu Val Gly Phe Val
 180 185 190

Ile Pro Ser Val Leu Ile Ile Leu Phe Tyr Gln Lys Val Ile Lys Tyr
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Ile Trp Arg Ile Gly Thr Asp Gly Arg Thr Leu Arg Arg Thr Met Asn
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Ile Val Pro Arg Thr Lys Val Lys Thr Val Lys Met Phe Leu Leu Phe
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Trp His Pro His Glu Gln Glu Tyr Arg Lys Ser Ser Leu Val Phe Thr
 260 265 270

Ala Val Thr Trp Val Ser Phe Ser Ser Ser Ala Ser Lys Pro Thr Leu
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Tyr Ser Ile Tyr Asn Ala Asn Phe Arg Arg Gly Met Lys Glu Thr Phe
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Cys Met Ser Ser Met Lys Cys Tyr Arg Ser Asn Ala Tyr Thr Ile Thr
 305 310 315 320

Thr Ser Ser Arg Met Ala Lys Arg Asn Tyr Val Gly Ile Ser Glu Ile
325 330 335

• Pro Pro Val Ser Arg Thr Ile Thr Lys Asp Ser Ile Tyr Asp Ser Leu
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